

## **University of Illinois Nuclear Engineering Faculty Development Program**

### **Executive Summary:**

This program is designed to attract, develop and successfully promote one recent junior faculty member, one newly hired junior faculty member (starts October 2011) and up to two new junior faculty members (hiring underway for new positions starting August 2012 or earlier) in Nuclear Engineering at the University of Illinois at Urbana-Champaign. This will be accomplished by using resources available from the NRC and major matching resources and commitments from the Department of Nuclear, Plasma and Radiological Engineering and other administrative units at the University of Illinois. The support and resources will permit the junior faculty members to each establish a strong foundation in teaching, research and professional service in the nuclear engineering discipline. The financial resources from the NRC will be used for (a) faculty release time and summer salary support, (b) acquisition of critical research and teaching equipment and facilities, and (c) travel and conference attendance. Matching support provided by the Department and the University will be used for graduate students to work with the faculty research and teaching efforts. In addition, the Department will provide other considerations to support the development of the junior faculty members, including mentoring, performance evaluation, teaching support, and research support. These resources will provide the necessary foundation for the successful development of junior faculty members in nuclear engineering at the University of Illinois.

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